

AMENDMENTS TO THE CLAIMS

This listing of claims supersedes all prior versions and listings of claims in this application:

LISTING OF CLAIMS:

1. (currently amended): A random access control method for a CDMA system comprising a base station and a plurality of terminals, which comprises the steps of:

receiving at said base station preamble signals from said plurality of terminals;

transmitting to said plurality of terminals signals for allowing ~~said~~ random access or signals for rejecting said random access; and

storing propagation delay times for terminals, which received said signals for rejecting said random access. ~~said terminals of which random access are rejected.~~

2. (currently amended): The random access control method according to claim 1, wherein

transmission data in a message part is transmitted by each of ~~said~~ terminals, which received said signals for allowing said random access; and said transmission data is of which random access are allowed ~~is~~ received by said base station.

3. (currently amended): The random access control method according to claim 1, wherein

said base station gives a priority to such a terminal that a present propagation delay time of ~~that~~ said terminal is substantially equal to one of the stored propagation delay times.

4. (currently amended): The random access control method according to claim 1, wherein

said base station:

gives a priority to one of said plurality of terminals on the basis of an electric power, a E_b/N_0 ratio, or a data error rate in addition with said propagation delay time; and

stores said electric power, said E_b/N_0 ratio, or said data error rate in addition with said propagation delay times for said terminals, which received said signals for rejecting said random access. of which random access is rejected.

5. (currently amended): A base station apparatus for controlling a plurality of terminals in a random access CDMA system, which comprises:

a receiving unit for receiving ~~the~~ preamble signals and transmission data from ~~said~~ terminals ~~of to~~ to which random accesses ~~are~~ is allowed;

a correlation unit for calculating [[a]] correlations between an output from said receiving unit and a plurality of prescribed preamble signals;

a preamble signal determination unit for determining whether the base station transmits a signal for allowing said random access or a signal for rejecting said random access on the basis of said correlations and a propagation delay time of ~~said a preamble signal~~ said the propagation delay time; and

a code generation unit for generating and transmitting said signal for allowing said random access or said signal for rejecting said random access.

6. (currently amended): ~~The A~~ A base station apparatus according to Claim 5, which further comprises a delay memory unit for storing said propagation delay times of said terminals which received said signals for rejecting said random access. ~~of which random access is rejected.~~

7. (currently amended): ~~The A~~ A base station apparatus for controlling a plurality of terminals in a random access CDMA system, according to Claim 5, wherein

said base station:

transmits to one of said plurality of terminals said signal for allowing said random access;

stores propagation delay times of said terminals, which received said signal for rejecting said random access; and

~~of which random access are rejected; and~~

gives a priority to ~~such~~ a terminal, which received said signal for rejecting said random access, and its propagation delay time ~~of that terminal~~ is substantially equal to one of the stored propagation delay times.